Name Of Work: Emergency Works in Ward No.13 Mallasandra, Shettyhalli Sub Division

Pre measurement recorded on:

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
1	KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. (Page No. 143/ Item No. 19.1/ PWD SR 2018-19)								
	Desilting								
	Mallasandra	2	30.00	0.60		0.60	0.50	18.00	
		2	30.00	0.60		0.60	0.55	19.80	
		2	30.00	0.60		0.60	0.60	21.60	
		2	10.00	0.60		0.60	0.65	7.80	
	BHEL Mini Colony	2	30.00	0.60		0.60	0.50	18.00	
		2	30.00	0.60		0.60	0.55	19.80	
		2	30.00	0.60		0.60	0.60	21.60	
		2	10.00	0.60		0.60	0.65	7.80	
	Shanthi Layout	2	30.00	0.60		0.60	0.50	18.00	
		2	30.00	0.60		0.60	0.55	19.80	
		2	30.00	0.60		0.60	0.60	21.60	
		2	10.00	0.60		0.60	0.65	7.80	
	Kalyana Nagara	2	30.00	0.60		0.60	0.50	18.00	
		2	30.00	0.60		0.60	0.55	19.80	
		2	30.00	0.60		0.60	0.60	21.60	
		2	10.00	0.60		0.60	0.65	7.80	
	Maheshwari Nagara	2	30.00	0.60		0.60	0.50	18.00	
		2	30.00	0.60		0.60	0.55	19.80	
		2	30.00	0.60		0.60	0.60	21.60	
		2	10.00	0.60		0.60	0.65	7.80	
	Vijayalaksmi Layout	2	30.00	0.60		0.60	0.50	18.00	
		2	30.00	0.60		0.60	0.55	19.80	
		2	30.00	0.60		0.60	0.60	21.60	
		2	10.00	0.60		0.60	0.65	7.80	
	Ravindra Nagara	2	30.00	0.60		0.60	0.50	18.00	
		2	30.00	0.60		0.60	0.55	19.80	
		2	30.00	0.60		0.60	0.60	21.60	
		2	10.00	0.60		0.60	0.65	7.80	
	Manta Area	2	30.00	0.60		0.60	0.50	18.00	
		2	30.00	0.60		0.60	0.55	19.80	
		2	30.00	0.60		0.60	0.60	21.60	
		2	10.00	0.60		0.60	0.65	7.80	
	Prashantha Nagara	2	30.00	0.60		0.60	0.50	18.00	
		2	30.00	0.60		0.60	0.55	19.80	
		2	30.00	0.60		0.60	0.55	19.80	
		2	30.00	0.60		0.60	0.60	21.60	
		2	10.00	0.60		0.60	0.65	7.80	
	Ayyappa Layout	2	30.00	0.60		0.60	0.50	18.00	
		2	30.00	0.60		0.60	0.55	19.80	
		2	20.00	0.60		0.60	0.60	14.40	
	Matrushree Layout	2	30.00	0.60		0.60	0.65	23.40	
		2	30.00	0.60		0.60	0.50	18.00	

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Muneshwara Block	2	30.00	0.60		0.60	0.55	19.80	
	2	30.00	0.60		0.60	0.60	21.60	
	2	30.00	0.60		0.60	0.65	23.40	
Lake View Layout	2	20.00	0.60		0.60	0.50	12.00	
	2	30.00	0.60		0.60	0.55	19.80	
	2	30.00	0.60		0.60	0.60	21.60	
Mallaasandra Colony	2	20.00	0.60		0.60	0.65	15.60	
	2	30.00	0.60		0.60	0.50	18.00	
	2	30.00	0.60		0.60	0.55	19.80	
	2	30.00	0.60		0.60	0.55	19.80	
Santhosh Nagara	2	20.00	0.60		0.60	0.60	14.40	
	2	30.00	0.60		0.60	0.65	23.40	
	2	30.00	0.60		0.60	0.55	19.80	20/11
	2	20.00	0.60		0.60	0.50	12.00	
	2	20.00	0.60		0.60	0.41	9.84	
	2	15.00	0.60		0.60	0.60	10.80	
For Culvert								
4th Main 4th Cross Ravindra Nagara	1	6.50	2.20		2.20	1.20	17.16	
4th Main 8th Cross Ravindra Nagara	1	4.80	2.25		2.25	1.20	12.96	
4th Main 9th Cross Ravindra Nagara	1	6.50	2.30		2.30	1.20	17.94	20/11/2020
4th Main 10th Cross Ravindra Nagara	1	6.50	2.40		2.40	1.20	18.72	
4th Main 11th Cross Ravindra Nagara	1	7.00	2.20		2.20	1.20	18.48	
3rd Main 12th Cross Ravindra Nagara	1	7.40	2.40		2.40	1.20	21.31	
3rd Main 14th Cross Ravindra Nagara	1	7.10	2.30		2.30	1.20	19.60	
3rd Main 15th Cross Ravindra Nagara	1	7.10	2.20		2.20	1.20	18.74	
						Present Qty	1144.75	Cum

05/01/2021

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

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Name Of Work: Emergency Works in Ward No.13 Mallasandra, Shettyhalli Sub Division

Measurement recorded on:

Sl No	Description of Item	No	Length	Breadth	D1	D2	Avg Depth	Qty	Unit
1	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm (I No-37.59.2,P No-271 PWD SR 2018-19)								
	For Culvert Bottom Raft								
	4th Main 4th Cross Ravindra Nagara	1	6.50	1.40		1.40	0.20	1.82	
	4th Main 8th Cross Ravindra Nagara	1	4.80	1.35		1.35	0.20	1.30	
	4th Main 9th Cross Ravindra Nagara	1	6.50	1.30		1.30	0.20	1.69	
	4th Main 10th Cross Ravindra Nagara	1	6.50	1.40		1.40	0.20	1.82	
	4th Main 11th Cross Ravindra Nagara	1	7.00	1.35		1.35	0.20	1.89	
	3rd Main 12th Cross Ravindra Nagara	1	7.40	1.30		1.30	0.20	1.92	
	3rd Main 14th Cross Ravindra Nagara	1	7.10	1.50		1.50	0.20	2.13	
	3rd Main 15th Cross Ravindra Nagara	1	7.10	1.50		1.50	0.20	2.13	
	For Culvert Side Wall								
	4th Main 4th Cross Ravindra Nagara	2	6.50	0.30		0.30	0.90	3.51	
	4th Main 8th Cross Ravindra Nagara	2	4.80	0.30		0.30	1.00	2.88	
	4th Main 9th Cross Ravindra Nagara	2	6.50	0.30		0.30	1.00	3.90	
	4th Main 10th Cross Ravindra Nagara	2	6.50	0.30		0.30	0.90	3.51	
	4th Main 11th Cross Ravindra Nagara	2	7.00	0.30		0.30	1.00	4.20	
	3rd Main 12th Cross Ravindra Nagara	2	7.40	0.30		0.30	1.00	4.44	
	3rd Main 14th Cross Ravindra Nagara	2	7.10	0.30		0.30	0.90	3.83	
	3rd Main 15th Cross Ravindra Nagara	2	7.10	0.30		0.30	1.00	4.26	
	For Culvert Ramps								
	4th Main 4th Cross Ravindra Nagara	2	6.50	0.75		0.75	0.15	1.46	
	th Main 8th Cross Ravindra Nagara	2	4.80	0.60		0.60	0.15	0.86	
	h Main 9th Cross Ravindra Nagara	2	6.50	0.50		0.50	0.15	0.98	

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Name Of Work: **Emergency Works in Ward No.13 Mallasandra, Shettyhalli Sub Division**

Calculation sheet:

S.No	Discription of item	Dia of Bar (mm)	Length of each bar (m)	No. of lengths	Total running length (m) Col.4 x Col.5	Weight/meter (Kgs)	Total weight (Kgs) Col.6 x Col.7
1	2	3	4	5	6	7	8
	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications,Specification No. KBS 4.6.3 (I No-28.8.2,P No-220 PWD SR 2018-19)						
	4th Main 4th Cross Ravindra Nagara						
	Drain : Main Bars (#16 @ 125mm C/C):	16	3.50	52	182.00	1.56	283.92
	Distribution Bars (#12@ 125mm C/C):	12	6.50	35	227.50	0.89	202.48
	4th Main 8th Cross Ravindra Nagara						
	Drain : Main Bars (#16 @ 125mm C/C):	16	3.50	38	134.40	1.56	209.66
	Distribution Bars (#12@ 125mm C/C):	12	4.80	35	168.00	0.89	149.52
	4th Main 9th Cross Ravindra Nagara						
	Drain : Main Bars (#16 @ 125mm C/C):	16	3.50	52	182.00	1.56	283.92
	Distribution Bars (#12@ 125mm C/C):	12	6.50	35	227.50	0.89	202.48
	4th Main 10th Cross Ravindra Nagara						
	Drain : Main Bars (#16 @ 125mm C/C):	16	3.50	52	182.00	1.56	283.92
	Distribution Bars (#12@ 125mm C/C):	12	6.50	35	227.50	0.89	202.48
	4th Main 11th Cross Ravindra Nagara						
	Drain : Main Bars (#16 @ 125mm C/C):	16	3.50	56	196.00	1.56	305.76
	Distribution Bars (#12@ 125mm C/C):	12	7.00	35	245.00	0.89	218.05
	3rd Main 12th Cross Ravindra Nagara						
	Drain : Main Bars (#16 @ 125mm C/C):	16	3.50	59	207.20	1.56	323.23
	Distribution Bars (#12@ 125mm C/C):	12	7.40	35	259.00	0.89	230.51
	3rd Main 14th Cross Ravindra Nagara						
	Drain : Main Bars (#16 @ 125mm C/C):	16	3.50	57	198.80	1.56	310.13
	Distribution Bars (#12@ 125mm C/C):	12	7.10	35	248.50	0.89	221.17
	3rd Main 15th Cross Ravindra Nagara						
	Drain : Main Bars (#16 @ 125mm C/C):	16	3.50	57	198.80	1.56	310.13
	Distribution Bars (#12@ 125mm C/C):	12	7.10	35	248.50	0.89	221.17
						Total	3,958.51
	Quantity Limited for					Tonne	**3.96**
						Tonne	**3.89**

25/11/20 to 28/11/20

Assistant Engineer
Ward No.13

Asst. Executive Engineer
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
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ಎಸ್.ಬಿ.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

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Name Of Work: Emergency Works in Ward No.13 Mallasandra, Shettyhalli Sub Division

Measurement recorded on:

Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
Providing and fixing Precast RCC slab of 250mm thick for Culverts made of Plain/Reinforced Cement Concrete design mix M25 with OPC@340kgs,with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates@0.47cum,with superplasticizer@3lts conforming to 189103-1999 Reaffirmed-2008,Open Foundation complete as per Drawing and Technical Specification including cost of all materials, labour,HOM curing,form works,scaffolding and centering complete as per specifications and pointing for ljoints 1:3 cement mortar including form work,lift charges,curing and concrete finished surfaces on both sides etc,complete and as per the directions of Engineer in-Charge. (Data Rate)								
4th Main 4th Cross Ravindra Nagara	1	6.50	1.20		1.20		7.80	
4th Main 8th Cross Ravindra Nagara	1	4.80	1.50		1.50		7.20	
4th Main 9th Cross Ravindra Nagara	1	6.50	1.20		1.20		7.80	
4th Main 10th Cross Ravindra Nagara	1	6.50	1.20		1.20		7.80	
4th Main 11th Cross Ravindra Nagara	1	7.00	1.50		1.50		10.50	
2nd Main 12th Cross Ravindra Nagara	1	7.40	1.50		1.50		11.10	
2nd Main 14th Cross Ravindra Nagara	1	7.10	1.20		1.20		8.52	
2nd Main 15th Cross Ravindra Nagara	1	7.10	1.50		1.50		10.65	
						Present Qty	**71.37**	**Sqm**

05/02/2024

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub Division

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ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

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mallasandra

Name Of Work: Emergency Works in Ward No.13 Mallasandra, Shettyhalli Sub Division

Detailed measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
6	Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work, lift charges,curing and concrtee finished surface on both sides etc,and complete as per the directions of Enginner in charges.(Data Rate)						
	BHEL Mini Colony Surroundings	2	13.50	0.90		24.30	
	Shanthi Layout	2	15.00	0.90		27.00	
	Kalyana Nagara	2	14.00	0.90		25.20	
	Maheshwari Nagara Surrounding Missing Bits	2	15.00	0.90		27.00	
	Vijayalakshmi Layout 1st Cross Road	2	30.00	0.90		54.00	
	Vijayalakshmi Layout Surounding	2	6.20	0.90		11.16	
	Ayyappa Layout 8th Cross	2	11.00	0.90		19.80	
	Mutturaya Swamy Temple Surrounding	2	10.50	0.90		18.90	
	Ravindra Nagara 8th Cross to 15 th Cross Missing Bits	2	19.50	0.90		35.10	
	Near Ex.Palike Member House and Surrounding Mallasandra	2	10.30	0.90		18.54	
					Present Qty	**261.00**	**Sqm**

05/04/2021

Assistant Engineer
Ward No.13

11/04/21

Asst. Executive Engineer,
Shettyhalli Sub Division

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

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